

WHAT IS CLAIMED IS:

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1. A monitor system comprising:
a host computer;
a first monitor connected to said host computer;
a second monitor, smaller than said first monitor; and
a video driver in said host computer for providing a portion of a display on
said first monitor to said second monitor.

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2. The system of claim 1 further comprising a shared peripheral bus
connected between said host computer and said second monitor.

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3. The system of claim 2 wherein said second monitor is powered by said
shared peripheral bus.

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4. The system of claim 2 wherein said shared peripheral bus is a universal
serial bus.

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5. The system of claim 1 wherein said portion of a display comprises a
separate window from said first monitor.

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6. The system of claim 1 wherein said portion of a display is provided
only to said second monitor.

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7. The system of claim 1 further comprising a compression unit for
compressing said portion of said display for transmission to said second monitor.

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8. The system of claim 1 further comprising a software operating system
controlling said first computer, said operating system controlling the transmission of
video data to said second monitor.

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9. The system of claim 1 wherein said second monitor includes:
a display screen;
a display controller coupled to said display screen;
a video memory coupled to said display controller; and
a bus interface coupled to said video memory.

1 10. The system of claim 1 wherein a display screen on said second
2 monitor is less than 8.5 inches diagonally.

1 11. The system of claim 1 wherein said second monitor includes a touch
2 screen.

1 12. The system of claim 1 wherein said second monitor includes icons for
2 control of a display on said first monitor.

1 13. The system of claim 1 wherein said second monitor includes a
2 transmission capability for providing data to said computer on the activation of buttons or
3 icons on said second monitor.

1 14. The system of claim 13 wherein said transmission capability is
2 wireless.

1 15. A monitor system comprising:
2 a host computer;
3 a shared peripheral bus connected to said host computer;
4 a first monitor connected to said host computer;
5 a second monitor, smaller than said first monitor, connected to said shared
6 peripheral bus, said second monitor including
7 a display screen on said second monitor of less than 8.5 inches diagonally;
8 a display controller connected to said display screen,
9 a video memory connected to said display controller,
10 a bus interface connected to said video memory, and
11 a power input connected to said bus so that the power for said second
12 monitor is derived from said shared peripheral bus;
13 a compression unit in said host computer for compressing said portion of
14 said display for transmission to said second monitor;
15 a video driver in said host computer for providing a separate window of a
16 display to said second monitor and not to said first monitor.

1 16. The system of claim 15 wherein said shared peripheral bus is a
2 universal serial bus.

1 17. The system of claim 15 further comprising a software operating
2 system controlling said first computer, said operating system controlling the transmission
3 of video data to said second monitor.

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1 18. ~~An apparatus comprising:~~
2 a second display screen for connection to a host computer having a first
3 display screen, said second display screen being smaller than said first display screen;
4 a display controller coupled to said second display screen;
5 a video memory coupled to said display controller; and
6 a bus interface, coupled to said video memory, for providing an interface
7 with a shared peripheral bus.

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